

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 884.B92WO1	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2005/001528	International filing date (<i>day/month/year</i>) 12/01/2005	(Earliest) Priority Date (<i>day/month/year</i>) 12/01/2004
Applicant INTEL CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (See Box II).

3. Unity of invention is lacking (see Box III).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

CONVEYING ADDITIONAL SIGNALING INFORMATION IN AN OFDM-BASED WIRELESS LOCAL AREA NETWORK

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

- a. the figure of the drawings to be published with the abstract is Figure No. 2

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

- b. none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04L27/26 H04L5/02 H04L12/28 H04Q7/38										
According to International Patent Classification (IPC) or to both national classification and IPC										
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 H04L H04Q										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched										
Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data										
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Category *</th> <th style="text-align: left; padding: 2px;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="text-align: left; padding: 2px;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">X A</td> <td style="padding: 2px; vertical-align: top;"> EP 0 939 527 A (SONY INTERNATIONAL GMBH) 1 September 1999 (1999-09-01) abstract; figures 2,4 paragraph '0001! - paragraph '0012! paragraph '0029! paragraph '0035! - paragraph '0049! ----- -/- - </td> <td style="padding: 2px; vertical-align: top;"> 1,15,21, 27,33,36 2-14, 16-20, 22-26, 28-32, 34,35, 37,38 </td> </tr> </tbody> </table>					Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X A	EP 0 939 527 A (SONY INTERNATIONAL GMBH) 1 September 1999 (1999-09-01) abstract; figures 2,4 paragraph '0001! - paragraph '0012! paragraph '0029! paragraph '0035! - paragraph '0049! ----- -/- -	1,15,21, 27,33,36 2-14, 16-20, 22-26, 28-32, 34,35, 37,38
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X A	EP 0 939 527 A (SONY INTERNATIONAL GMBH) 1 September 1999 (1999-09-01) abstract; figures 2,4 paragraph '0001! - paragraph '0012! paragraph '0029! paragraph '0035! - paragraph '0049! ----- -/- -	1,15,21, 27,33,36 2-14, 16-20, 22-26, 28-32, 34,35, 37,38								
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.								
* Special categories of cited documents : "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed										
Date of the actual completion of the international search 25 May 2005		Date of mailing of the international search report 02/06/2005								
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016		Authorized officer MOHAMMADIAN SANTANDE								

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 01/95579 A (INTERSIL CORPORATION) 13 December 2001 (2001-12-13) abstract; figures 1-5,11 page 1, line 1 - line 26 page 2, line 23 - line 33 page 4, line 1 - line 29 page 5, line 30 - page 10, line 33</p> <p>-----</p>	1-38
A	<p>"Supplement to IEEE standard for information technology - telecommunications and information exchange between systems - local and metropolitan area networks - specific requirements. Part 11: wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications: high-speed physical layer in" IEEE STD 802.11A-1999, 30 December 1999 (1999-12-30), pages 1-90, XP002189725 figures 107,108,111 page 7 - page 15</p> <p>-----</p>	1-38
A	<p>CHAR-DIR CHUNG ET AL: "Estimation of delay phase offset in multi-carrier differential phase modulation systems" COMMUNICATION TECHNOLOGY PROCEEDINGS, 2003. ICCT 2003. INTERNATIONAL CONFERENCE ON APRIL 9 - 11, 2003, PISCATAWAY, NJ, USA, IEEE, vol. 2, 9 April 2003 (2003-04-09), pages 1848-1851, XP010644323 ISBN: 7-5635-0686-1 abstract page 1848, right-hand column, line 15 - line 32 page 1849, right-hand column, line 1 - line 19</p> <p>-----</p>	1-38

Information on patent family members

PCT/US2005/001528

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0939527	A	01-09-1999	EP US	0939527 A1 6567374 B1	01-09-1999 20-05-2003
WO 0195579	A	13-12-2001	AU CN EP JP TW WO	7504601 A 1432245 A 1290844 A2 2003536324 T 511357 B 0195579 A2	17-12-2001 23-07-2003 12-03-2003 02-12-2003 21-11-2002 13-12-2001

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